

Formolon® AWS

Polyvinyl Chloride

Formosa Plastics Corporation, U.S.A.

Message:

The AWS compounds have been designed for profile extrusions in indoor and non-weatherable applications and substrates for outdoor applications. They exhibit a natural color and exceptional processing properties for high rate profile extrusion.

General Information			
Features	Workability, good High liquidity		
Uses	Profile		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural color		
Forms	Powder		
Processing Method	Profile extrusion molding		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2410	MPa	ASTM D638
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Flexural Strength (Yield)	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.0	°C	ASTM D648

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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